



## Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

~~RADEMA~~ Applicant(s): Lap-Wai CHOW, ) Re: Information Disclosure  
et al. ) Statement  
Serial No.: 10/635,790 ) Group: 2811  
)  
) Examiner: not yet assigned  
Filed: August 5, 2003 )  
)  
) Our Ref: B-4424NP 620844-4  
)  
For: "A CONDUCTIVE CHANNEL PSUEDO )  
BLOCK PROCESS AND CIRCUIT )  
TO INHIBIT REVERSE ENGINEERING") Date: April 12, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003, with the exception of U.S. Patent Application No. 09/391,258 and 10/637,848 because the applications have not yet been published.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for the corresponding PCT Application No. PCT/US03/30212 (8 pages). A copy of the International Search Report is enclosed herewith.

Please note that U.S. Patent Application No. 09/758,792, listed in bold type on the enclosed Form PTO-1449 (modified), is under secrecy order. A copy of this document was not available to the

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undersigned, and therefore a copy is not provided herewith.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 10/637,848, filed August 7, 2003; 09/298,293, filed April 23, 1999 (now U.S. Patent No. 6,117,762); 09/391,258, filed September 7, 1999 and 09/758,792, the inventor and filing date of which is unknown. Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application. However, citation of these applications does not constitute an admission that the claims of the present application are substantially similar or similar to those of the applications listed above.

Japanese Document No. 02-046762 is not in English. An English-language explanation of the relevance of Japanese Document No. 02-046762 can be found in the enclosed English-language abstract.

Japanese Document No. 02-237038 is not in English. An English-language explanation of the relevance of Japanese Document No. 02-237038 can be found in the enclosed English-language abstract.

Japanese Document No. 58-190064 is not in English. An English-language explanation of the relevance of Japanese Document No. 58-190064 can be found in the enclosed English-language abstract.

Japanese Document No. 63-129647 is not in English. An English-language explanation of the relevance of Japanese Document No. 63-129647 can be found in the enclosed English-language abstract.

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World Intellectual Property Organization Publication Document No. 00/44012 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 00/44012 can be found in the enclosed English-language abstract.

World Intellectual Property Organization Publication Document No. 98/21734 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 98/21734 can be found in the enclosed English-language abstract.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.) The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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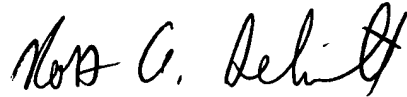
The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria VA, 22313-1450", on April 12, 2004 by Shana Morda.



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Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (10 pages)  
Copy of Search Report for PCT/US03/30212 (8 pages)  
Copy of Non-U.S. Patent and Non-boldface type documents on Form PTO-1449 (Modified), with the exception of U.S. Patent Application No. 09/391,258 and 10/637,848



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LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS Lap-Wai CHOW, et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	09/391,258		Baukus et al			9/7/1999
	09/758,792					
	10/637,848		Chow et al.			8/7/2003
	3,673,471	06/1972	Klein et al.	257	407	
	3,946,426	03/1976	Sanders	357	71	
	4,017,888	04/1977	Christie et al.	357	54	
	4,139,864	02/1979	Vetter	358	188	
	4,164,461	08/1979	Schilling	204	192 EC	
	4,196,443	04/1980	Dingwall	257	774	
	4,267,578	05/1981	Vetter	364	709	
	4,291,391	09/1981	Chatterjee et al.	365	184	
	4,295,897	10/1981	Tubbs et al.	148	1.5	
	4,314,268	02/1982	Yoshioka et al.	357	48	
	4,317,273	03/1982	Guterman et al.	29	571	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	4,322,736	03/1982	Sasaki et al.	257	369	
	4,374,454	02/1983	Jochems	29	571	
	4,409,434	10/1983	Basset et al.	380	265	
	4,435,895	03/1984	Parillo	29	571	
	4,471,376	09/1984	Morcom et al.	357	71	
	4,581,628	04/1986	Miyauchi et al.	357	71	
	4,583,011	04/1986	Pechar	307	440	
	4,603,381	07/1986	Guttag et al.	364	200	
	4,623,255	11/1986	Suszko	356	389	
	4,727,493	02/1988	Taylor, Sr.	364	490	
	4,766,516	08/1988	Ozdemir et al.	361	380	
	4,799,096	01/1989	Koepppe	357	42	
	4,821,085	04/1989	Haken et al.	357	67	
	4,830,974	05/1989	Chang et al.	437	34	

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	4,939,567	07/1990	Kenney	257	383	
	4,975,756	12/1990	Haken et al.	357	4.1	
	4,998,151	03/1991	Korman et al.	257	328	
	4,962,484	10/1990	Takeshima et al.	365	226	
	5,030,796	07/1991	Swanson et al.	174	52.2	
	5,050,123	09/1991	Castro	365	53	
	5,061,978	10/1991	Mizutani et al.	357	30	
	5,065,208	11/1991	Shah et al.	357	34	
	5,068,697	11/1991	Noda et al.	357	23.5	
	5,070,378	12/1991	Yamagata	357	23.5	
	5,101,121	03/1992	Sourgen	307	465	
	5,117,276	05/1992	Thomas et al.	357	71	
	5,121,089	06/1992	Larson et al.	333	107	
	5,121,186	06/1992	Wong et al.	257	384	

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	5,132,571	07/1992	McCollum et al.	307	465.1	
	5,138,197	08/1992	Kuwana	307	449	
	5,146,117	09/1992	Larson	307	465	
	5,168,340	12/1992	Nishimura	357	376	
	5,177,589	01/1993	Kobayashi et al.	257	773	
	5,202,591	04/1993	Walden	307	450	
	5,225,699	07/1993	Nakamura	257	306	
	5,227,649	07/1993	Chapman	257	204	
	5,231,299	07/1993	Ning et al.	257	316	
	5,302,539	04/1994	Haken et al.	437	41	
	5,308,682	05/1994	Morikawa	428	195	
	5,309,015	05/1994	Kuwata et al.	257	659	
	5,317,197	05/1994	Roberts	257	401	
	5,336,624	08/1994	Walden	437	34	

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	5,341,013	08/1994	Koyanagi et al.	257	368	
	5,345,105	9/1994	Sun et al.	257	659	
	5,354,704	10/1994	Yang et al.	437	52	
	5,369,299	11/1994	Byrne et al.	257	638	
	5,371,390	12/1994	Mohsen	257	209	
	5,376,577	12/1994	Roberts et al.	437	52	
	5,384,472	01/1995	Yin	257	204	
	5,384,475	1/1995	Yahata	257	314	
	5,399,441	03/1995	Bearinger et al.	428	689	
	5,404,040	04/1995	Hshieh et al.	257	341	
	5,412,237	05/1995	Komori et al.	257	306	
	5,441,902	08/1995	Hsieh et al.	437	34	
	5,468,990	11/1995	Daum	257	632	
	5,475,251	12/1995	Kuo et al.	257	316	

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	5,506,806	04/1996	Fukushima	365	195	
	5,531,018	07/1996	Saia et al.	29	622	
	5,539,224	07/1996	Ema	257	211	
	5,541,614	07/1996	Lam et al.	343	792.5	
	5,571,735	11/1996	Mogami et al.	437	41	
	5,576,988	11/1996	Kuo et al.	365	185.0 4	
	5,611,940	03/1997	Zettler	73	514.1 6	
	5,638,946	06/1997	Zavracky	200	181	
	5,677,557	10/1997	Wuu et al.	257	382	
	5,679,595	10/1997	Chen et al.	437	52	
	5,719,422	02/1998	Burr et al.	257	336	
	5,719,430	02/1998	Goto	257	403	
	5,721,150	02/1998	Pasch	437	46	
	5,783,375	7/1998	Twist	430	414	

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	5,783,846	07/1998	Baukus et al.	257	204	
	5,821,590	10/1998	Lee et al.	257	377	
	5,834,356	11/1998	Bothra et al.	438	384	
	5,838,047	03/1999	Yamauchi et al.	257	372	
	5,854,510	12/1998	Sur, Jr. et al.	257	529	
	5,866,933	02/1999	Baukus et al.	257	368	
	5,880,503	03/1999	Matsumoto et al.	257	372	
	5,888,887	03/1999	Li et al.	438	525	
	5,920,097	07/1999	Horne	257	368	
	5,930,663	07/1999	Baukus et al.	438	598	
	5,930,667	7/1999	Oda	438	622	
	5,973,375	10/1999	Baukus et al.	257	399	
	5,977,593	11/1999	Hara	257	356	
	5,998,257	12/1999	Lane et al.	438	253	

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	6,037,627	03/2000	Kitamura et al.	257	324	
	6,046,659	04/2000	Loo et al.	333	262	
	6,054,659	04/2000	Lee et al.	200	181	
	6,057,520	05/2000	Goodwin-Johansson	200	181	
	6,064,110	5/2000	Baukus et al.	257	652	
	6,093,609	7/2000	Chuang	438	286	
	6,117,762	09/2000	Baukus et al.	438	618	
	6,137,318	10/2000	Takaaki	326	112	
	6,154,388	11/2000	Oh	365	185.0 4	
	6,215,158 B1	04/2001	Choi	257	368	
	6,294,816 B1	09/2001	Baukus et al.	257	368	
	6,326,675 B1	12/2001	Scott et al.	257	608	
	6,365,453 B1	4/2002	Deboer et al.	438	253	

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	0 364 769	04/1990	EP			
	0 463 373	01/1992	EP			
	0 528 302 A1	02/1993	EP			
	0 585 601 A1	03/1994	EP			
	0 764 985 A2	03/1997	EP			
	0 883 184 A2	12/1998	EP			
	02-046762	02/1990	JP			abstract
	02-237038	09/1990	JP			abstract
	58-190064	11/1983	JP			abstract
	63-129647 A	06/1988	JP			abstract
	00/44012	07/2000	WO			abstract
	98/21734	05/1998	WO			abstract

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Blythe, et al., "Layout Reconstruction of Complex Silicon Chips," <i>IEEE Journal of Solid-State Circuits</i> , Vol. 28, No. 2, pp. 138-145 (February 1993).
	Frederiksen, Thomas M., "Standard Circuits in the New CMOS Era," <i>Intuitive CMOS Electronics</i> , Revised Edition, pp. 134-146 (January 1989).
	Hodges and Jackson, <i>Analysis and Design of Digital Integrated Circuits</i> , 2nd edition, McGraw-Hill, page 353 (1988).
	Larson, L.E., et al., "Microactuators for GaAs-based Microwave Integrated Circuits," <i>IEEE</i> , pp. 743-746 (1991).
	Lee, "Engineering a Device for Electron-Beam Probing," <i>IEEE Design and Test of Computers</i> , pp. 36-49 (June 1989).
	Ng, K.K., <i>Complete Guide to Semiconductor Devices</i> , McGraw-Hill, Inc., pp 164-165 (1995).
	Sze, S.M., <i>VLSI Technology</i> , McGraw-Hill, pp. 99, 447, 461-465 (1983).
	Sze, S.M., ed., "Silicides for Gates and Interconnections," <i>VLSI Technology</i> , McGraw-Hill, pp. 372-380 (1983).

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